

Title (en)
INTERLOCKING SPRING SEAT ASSEMBLY AND ROTARY CONTROL VALVE COMPRISING SAME

Title (de)
INEINANDERGREIFENDE FEDERSITZEINRICHTUNG UND DREHSTELLVENTIL DAMIT

Title (fr)
ENSEMBLE SIÈGE DE RESSORT À INTERVERROUILLAGE ET VANNE DE COMMANDE ROTATIVE COMPRENANT LEDIT ENSEMBLE

Publication
EP 3058253 A1 20160824 (EN)

Application
EP 14789728 A 20141014

Priority

- US 201314052923 A 20131014
- US 2014060350 W 20141014

Abstract (en)
[origin: US2015102246A1] A spring seat assembly for a fluid valve includes a first spring seat having a first protruding member extending away from a first seating surface and a second spring seat having a second protruding member extending away from a second seating surface, the first spring seat being slidable relative to the second spring seat. A spring is disposed between the first seating surface and the second seating surface. A locking element is disposed on at least one of the first protruding member and the second protruding member.

IPC 8 full level
F16K 1/22 (2006.01); **F16F 1/12** (2006.01)

CPC (source: CN EP US)
F16F 1/128 (2013.01 - EP US); **F16K 1/224** (2013.01 - CN EP US); **F16K 1/2266** (2013.01 - US)

Citation (search report)
See references of WO 2015057613A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2015102246 A1 20150416; CA 2926686 A1 20150423; CN 104595505 A 20150506; CN 204253895 U 20150408; EP 3058253 A1 20160824; RU 2016115483 A 20171121; RU 2016115483 A3 20180601; WO 2015057613 A1 20150423

DOCDB simple family (application)
US 201314052923 A 20131014; CA 2926686 A 20141014; CN 201410539444 A 20141013; CN 201420590710 U 20141013; EP 14789728 A 20141014; RU 2016115483 A 20141014; US 2014060350 W 20141014